

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S45	2417	(433/80,81,82,86,88,89,90,224).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 09:22
S46	28	("3121426"   "3375823"   "3698088").PN. OR ("4108178").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:03
S47	41	("3065749").URPN.	USPAT	OR	OFF	2009/10/14 11:08
S48	43	("2449497"   "2812765"   "3065749"   "3071402"   "3085573"   "3109426"   "3208145").PN. OR ("3749090").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:09
S49	27	("1987907"   "3065749"   "3889675"   "4299221"   "4519385"   "4692140"   "4790812"   "4861332"   "4919129"   "4941872"   "5147292"   "5230704"   "5269750"   "5310406"   "5419772"   "5573504").PN. OR ("5792098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:15
S50	62	("0790353"   "1317851"   "2243299"   "2494088"   "2531793"   "2595491"   "3771522"   "4294251"   "4519385"   "4526573"   "4553957").PN. OR ("4941872").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:19
S51	1	("5792098").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:25
S52	52	("0783218"   "2324250").PN. OR ("4412402").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:35
S53	33	("1398527"   "2661537"   "2744361"   "3164513"   "3421702"   "3894338"   "3905554"   "3972123"   "4174571"   "4260382"   "4403956"   "4412402"   "4522597"   "4540365"   "4595365"   "4608018"   "4648840"   "4776794"   "4941298"   "4950160"   "5199229"   "5234338"   "5252064"   "5658144"   "5746596"   "5765759"   "5941702"   "6106287").PN. OR ("6457974").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:39

S54	34	("2874470"   "3064749"   "3972123"   "4174571"   "4412402"   "4462803"   "4595365"   "4648840"   "4676749"   "4696644"   "4878320"   "4950160"   "4984984"   "5090904"   "5094615"   "5123206"   "5158455"   "5186625"   "5242300"   "5275561"   "5336202"   "5618177"   "5967779"   "6039567"   "6053803"   "6093021"   "6106288"   "6149509"   "6155824"   "6186422"   "6273789"   "6309217").PN. OR ("6729942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:42
S55	18	("2324250"   "2669809"   "4462803"   "4482322").PN. OR ("4696644").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:52
S56	40	("3863628"   "3882638"   "3972123").PN. OR ("4174571").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:57
S57	9	("4174571"   "4412402"   "4492575"   "4676749"   "4776794"   "4950160"   "5098291"   "5765759"   "6439966").PN. OR ("6837709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:59
S58	1	("6457974").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 12:01
S59	36	("2850014"   "2922420"   "3035351"   "3330268"   "3439675"   "3525339"   "3816921"   "3890977"   "3958557"   "4026025"   "4044468"   "4236520"   "4276880"   "4432758"   "4747827"   "4813928").PN. OR ("4993941").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 12:10
S60	75	("2862495"   "3181336"   "3312220"   "3509880"   "3530492").PN. OR ("4276880").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 12:18
S61	66	S45 and deflection	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 12:27
S62	7	S45 and (tube same angled same open\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 12:29
S64	1	("6948935").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 13:29
S63	0	("("6948935").PN.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 13:29

S65	51	("2441441"   "2814877"   "2825135"   "2874470"   "3972150"   "4090334"   "4097995"   "4174571"   "4184258"   "4214871"   "4220446"   "4236889"   "4492575"   "4494932"   "4540365"   "4595365"   "4602906"   "4608018"   "4648840"   "4663893").PN. OR ("4776794").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 13:35
S66	13	("2439032"   "2897692"   "3994097"   "4218855"   "4369607").PN. OR ("4663893").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 13:37
S67	51	S45 AND (SAND)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 13:38
S68	24	("1682784"   "1834726"   "3747216"   "4286950"   "5122153"   "5197876"   "5199229").PN. OR ("5356292").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 13:39
S69	147	S45 AND (DEFLECT\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 13:41
S70	1	("6457974").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 15:36
S71	1	("6837709").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 16:14
L2	106	L1 and polycarbonate	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 07:50
L1	1939	(433/80,81,82,86,89,90,224).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/10/15 07:50
L3	4	L1 and atraumatically	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 07:52
L22	1	("20010031441").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:24
L21	1	("5336202").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:24
L20	2	("2709852").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:24

L19	1	("5792098").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:24
L24	1	("6638064").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:25
L23	1	("6457974").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:25

**EAST Search History (Interference)**

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**10/ 15/ 2009 8:27:01 AM**

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